

CITY OF CUMBERLAND
Little Island with a Big Future

Mayor John Schwanke
Clerk-Treasurer Dennis Rockow
Public Works Dir. Jeffrey Streeter

cumberland@charter.net

CUMBERLAND WISCONSIN THE ISLAND CITY



1356 2nd Ave. PO Box 155 Cumberland WI 54829
715.822.2752 / Fax 715.822.3799

January 21, 2005


Attn: Peter Prusak
Wisconsin Dept. of Natural Resources
P.O. Box 397
Cumberland, WI 54829

Dear Pete,

I have attached a copy of the report on the 2004 Phosphorous Trading Program. As you can see from the report provided by Dale Hanson of the Barron County Soil and Water Conservation Department the program has once again been a success. The City feels that is a very good program and feels it saves the City money and helps to improve the Hay River Watershed. This cooperative effort between the local farmer and the City helps to improve the environment we all share.

Therefore, the City of Cumberland would like to continue the Phosphorous Trading Program for another year. As long the City can meet the goals of the program, save money and improve our environment, we would like to participate in the program.


Thank you for your help in making this successful program work.


Jeffrey M. Streeter
Director Public Works

Barron County
Soil and Water Conservation Department
330 E. LaSalle Ave. Room 221
Barron, Wisconsin 54812
715-537-6315

January 19, 2005

To: John M. Schwanke, Mayor
Dennis Rockow, Clerk Treasurer
→ Jeff Streeter, Director of Public Works

From : Dale Hanson, County Conservationist 
Re: City of Cumberland Phosphorus Trading Project

2004 was the fourth year of implementation for the City of Cumberland Phosphorus Trading Project. While the number of farmers participating in the program was the same as in 2003 (21) the acreage amount increased from 712 acres to 890.7 acres in 2004. The percentage of the acres signed up for No-till planting versus Reduced Conservation Tillage increased from 52% to 69%. These two factors combined to make the year the most successful in the projects history in terms of applied conservation in the fields of the Hay River Watershed area.

2004 Summary

No-Till acres planted	615
Tons soil saved (3 tons/acre)	1845
#P Saved (4lbs/ton)	7380
Cost (\$18.50/acre)	\$11,377
Cost per pound	\$1.54
Conservation Tillage (30% cover)	275.5
Tons soil saved (2 tons/acre)	551
#P Saved (4lbs/ton)	2204
Cost (\$15.00/acre)	\$4132.50
Cost per pound	\$1.88

Total pounds of Phosphorus saved	9,584lbs
Total cost (Tillage payments plus soil tests)	\$17,659.45

We continue to feel that this is a worthwhile project. While the numbers that are produced are "on paper" we feel they are conservative. Several Wisconsin Priority Watershed projects are using 6lbs. of Phosphorus per ton of soil saved. This would result in 50% greater savings were we to use that number instead of our 4lbs. per ton of soil.

The Barron County Soil & Water Conservation Department looks to continue its role in the City of Cumberland Phosphorus Trading Program in 2005.

2004 Cumberland Phosphorous Trading Program								
NAME	PRACTICE	ACRES No-till	Cumbrland x 3ton/acre saved	ACRES Cons. Till	Nutrient Trading x 2ton/acre saved	Phos. Level	SOIL TESTS Charged	Total PAID soil tests + tillage
Becker, Alfred	Conservation Till			73.9	147.8	Excessive	7	\$1,150.50
Becker, Tom	No-till, Cons. Till	15.2	45.6	9	18	Excessive	1	\$422.20
Cuper, Dale	No-till, Cons. Till	23.6	70.8			High	5	\$466.60
Frisle, Dean	No-till	17.1	51.3	7.3	14.6	Excessive	5	\$455.85
Frisle, Gary	Cons. Till	24.2	72.6			Excessive	2	\$459.70
Holten, Bradley	No-Till	15	45	6.3	12.6	Excessive	n/c	\$372.00
Holten, Donald*	No-till	n/a		n/a			n/c	\$0.00
Holten,Lance*	No-till, Cons. Till	n/a		n/a			n/c	\$0.00
Holten, Randy*	No-till	n/a		n/a			n/c	\$0.00
Hornick, Andy	No-till	46.4	139.2			Excessive	13	\$936.40
Kettenacker, John	No-till, Cons. Till	39.8	119.4			V High	n/c	\$736.30
Koehn, Richard	No-till	53.1	159.3			Excessive	n/c	\$982.35
Koser, Jerry	No-till	48.8	146.4			V High	n/c	\$902.80
Litwiller, Steve	Cons. Till			38.2	76.4		n/c	\$573.00
Neby, Dan	No-till	24.3	72.9			Excessive	n/c	\$449.55
Paulson, Randy	No-till	31.3	93.9			Excessive	6	\$615.05
Ricci, Paul	No-till	29.4	88.2			Excessive	2	\$555.90

*Did not meet residue requirements.

NAME	PRACTICE	ACRES No-till	Cumbrland Nutrient Trading x 3ton/acre saved	ACRES Cons. Till	x 2ton/acre saved	Phos. Level	SOIL TESTS Charged	PAID
Scheps Dairy	No-till, Nut. Mgt.	54	162			V High	567	\$2,841.75
Stafne, Michael	Cons. Till.			49	98	Excessive	2	\$747.00
Terry, Troy	No-till, Cons. Till.	13	39	26.3	52.6	Excessive	n/c	\$635.00
Thill, Charles	No-till, Cons. Till	13.2	39.6			Excessive	2	\$250.20
Thompson, Charles	No-till	86.2	258.6			V High	17	\$1,606.70
Wohlk, Glen	No-till, Cons. Till	80.6	241.8	15.7	31.4	Excessive	2	\$1,753.60
Zappa, Lawrence	Cons. Till			49.8	99.6	Excessive	n/c	\$747.00 \$4,992.50
2004 Totals		615.2	1845.6	275.5	551			\$17,659.45
	No-till Soil Savings (1845 tons) x 4lbsP/Ton = 7380lbs P Saved							
	Conservation Tillage Soil Savings (551 tons) x 4lbsP/Ton = 2204lbs P Saved							
	Total Pounds of Phosphorus saved = 9584							
	\$1.84 per pound of Phosphorus saved							
	Summary							
Year	ACRES No-till	x 3ton/acre saved	ACRES Cons. Till	x 2ton/acre saved	Pounds of Phosphorus saved	Cost per pound		PAID
2001	577	1731	147	294	6924	\$2.14		14,848.75
2002	448	1344	326	652	7876	\$1.67		13,128.00
2003	367	1101	345	690	7164	\$1.73		12,428.15
2004	615	1845.6	275.5	551	9584	\$1.84		17,659.45
Project Total	2007	6021.6	1093.5	2187	31548	\$1.85	\$	58,064.35

*Did not meet residue requirements.